

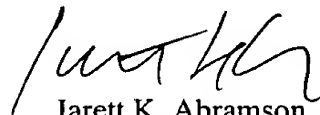
drawing originally depicted in **Figure 1** panel (B) to incorporate Sequence Listing identifiers to nucleic acid sequences disclosed therein.

REMARKS

The specification and drawings have been amended to comply with the requirements for applications containing nucleotide and/or amino acid sequences. A marked up version of the specification is attached hereto and is captioned "Version with Markings to Show Changes Made to the Specification."

Panels (A) and (B) of **Figure 1** have been separated into **Figures 1A** and **Figure 1B** respectively. The Description of the Drawings in the specification has been amended to reflect the change made in the Substitute Drawings. A marked up version of the drawings showing changes to the Original Drawing has been submitted concurrently herewith. Applicants submit that the Substitute Drawings submitted herein contain no new matter.

Respectfully submitted,



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20792

PATENT TRADEMARK OFFICE

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on December 17, 2002.


Clara L. Beard

Version with Markings to Show Changes Made

In the Specification.

Please replace the paragraph on Page 5, lines 8-14 with the following:

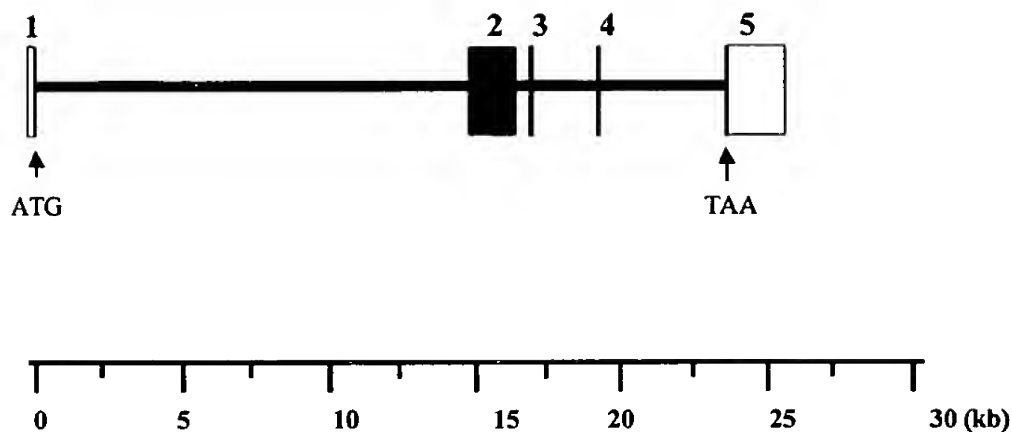
-- [Figure 1] **Figure 1A** depicts the structure of the human SLC2A10 gene (GLUT10). [(A)] Exons are represented by the boxes and introns by the lines. The coding sequence in each exon is indicated by the shaded box, and the 3' untranslated region is denoted by the open box. [(B)] The nucleotide sequences of the exon/intron junctions are indicated. Exon sequences are shown in uppercase letters, intron sequences are shown in lowercase. For exon 5, the polyadenylation consensus sequence is underlined and the poly(A) tract is indicated.]

Figure 1B shows the nucleotide sequences of the exon/intron junctions are indicated. Exon sequences are shown in uppercase letters, intron sequences are shown in lowercase. For exon 5, the polyadenylation consensus sequence is underlined and the poly(A) tract is indicated. --



Fig. 1

A



B

EXON	EXON SIZE	3' SPLICE ACCEPTOR	5' SPLICE DONOR	INTRON SIZE
1	254		TCGCCATG G / gtaagtc Met G 1 2	15300
2	1284	tttttag / GC CAC TCC ly His Ser 2 3 4	GGG CCA G / gtaagtg Gly Pro V 428 429 4	538
3	123	accctag / TG ACC TGG al Thr Trp 30 431 432	CTC ATT G / gtgagtc Leu Ile G 469 470 4	2365
4	135	tttcag / GC ACC ATC ly Thr Ile 71 472 473	AAG AGA CG / gtaggaa Lys Arg Ar 514 515 516	4266
5	2849	ctgacag / G TTC ACC g Phe Thr 517 518	<u>AATAAAGAGTTTGT</u> TATTAAATTTGT(A) _n	3' UTR 2519



FIG. 1A

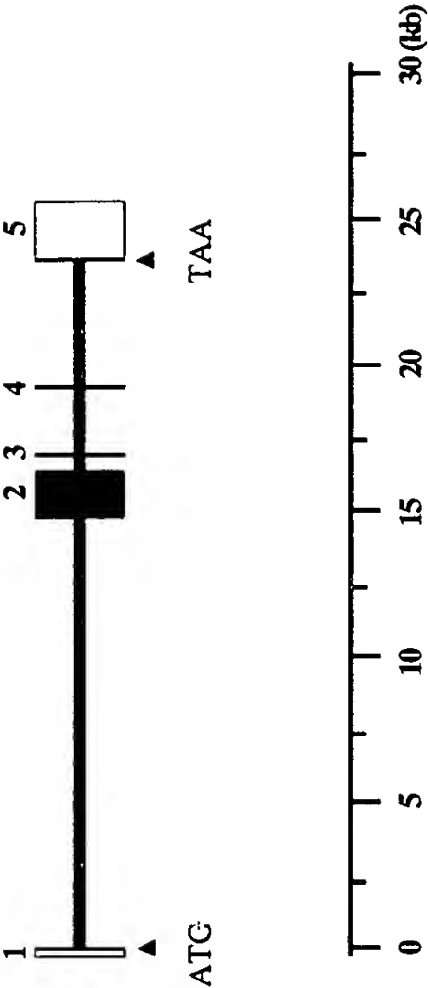




FIG. 1B

EXON	EXON SIZE	3' SPLICE ACCEPTOR (SEQ ID NO: _)	5' SPLICE DONOR (SEQ ID NO: _)	INTRON SIZE
1	254		TCGCCATG G / gtaagtc (29) Met G 1 2	15300
2	1284	ttttttag / GC CAC TCC ly His Ser 2 3 4	(30) GGG CCA G / gtaagtc (31) Gly Pro V 428 429 4	538
3	123	accctag / TG ACC TGG al Thr Trp 30 431 432	(32) CTC ATT G / gtgagtc (33) Leu Ile G 469 470 4	2365
4	135	tttccag / GC ACC ATC ly Thr Ile 71 472 473	(34) AAG AGA CG / gtaggaa (35) Lys Arg Ar 514 515 516	4266
5	2849	ctgacag / G TTC ACC g Phe Thr 517 518	(36) AATAAAGAGTTTGTATTAAATTGT(A) _N (37) 3' UTR 2519	